

Index vol XXIX

JANUARY—DECEMBER 1972

(For Regional news items see under respective Regional titles and for Foreign items see under respective countries).

A

Accident Reports:

Bescar Lane, LMR, 397
Bexley, SR, 397
Glasgow Central, ScR, 77
Low Fields Farm Crossing, ER, 78
Neville Hill, ER, 154
Pleck Junction, Walsall, LMR, 267
Roade Junction, LMR, 155
Sheerness-on-Sea, SR, 266
Tooting Broadway, LT, 266
Upper Denton, ER, 155
Wickford, ER, 155

Ac traction, Turning point in, 205

Advertised connections, 399

Airport stations and services, 360

ALBANIA: Extension towards Yugoslavia, 50

Alpine tunnel choices, 84

Anglo-French agreement on Channel Tunnel studies, 409

Approach control limitations, 197

APT-E takes the road, 395

APT-E topics, 170, 211, 325, 368, 395

Articulation of the SNCF's TGV high-speed units, 394

Ashford-Hastings future? 48, 439

Asia and Near East quarterly, 30

AUSTRALIA:

Comeng Dmss for Canada? 290
Economic train charters, 209
Indian-Pacific in two portions, 290
Last NSWGR Commissioner, 449
Melbourne Flinders Street development, 290
Australian quarterly, 110

AUSTRIA:

ASEA thyristor locomotives, 260
Komfortwagen withdrawn, 371
Steam rundown, 202
Tauern line improvements, 193
Automatic couplings, 289
Automatic operation of Rapid Transit trains, 19
Automatic ticket barriers on Glasgow suburban line, 181, 247
Automatic ticket barriers on LT—see under L
Axe is sharpened, or is it? The, 471

B

Barrington-Ward, Sir Michael, 366/8
Bartholomew's Railway History map offer, 128

BELGIUM:

Belgian railway industry, Doubtful future? 198
Brussels Metro expansion, 90
Brussels Nord stop for airport Emus, 209
Multi-voltage locomotives, 50
SNCF electrification, 90
Belle, Farewell to the, 152
Belgian Marine renamed RTM, 330
Birmingham improvements, 119
Blanketing with polythene sheet on the South Wales main line, 188
Bogie wagon future at risk? 3, 119, 156
Books, New, 36, 118, 196, 234, 313, 398, 437, 472
Bournemouth Electrification, The first five years, 412, 452

Brighton Belle cars, Sale of, 246
Brighton Belle, Last hours of, 280
Brighton Belle, Last runs, 152, 208
Brighton Belle on tour, The, 240
Brighton Belle, What might have been, 125
Brighton-Exeter service, 37
Bristol Parkway, Focus on, 270
Bristol resignalling, 48, 128

BRITISH RAIL:

125mph HST unveiled, 212
Advertising, 38
Aggregates traffic, Success in, 378
APT topics—see under A
Birthday honours, 286
Bleak outlook for BR, 244
BR advertising no attack on road transport, 86
BR demands cheque cards, 164
BR drive for German traffic, 204
BR of the future, 195
BR further in the red, 326
BR's good record, 286
BR's lead in technology, 124
Catering prices change, 246, 368
Chiefs for new "Territories", 368
Civil Engineers appointments, 164
Coal lift by BR, Big, 164
"Corporate image" train, 328
Freightliner chief joins BR Shipping Board, 164
Freightliner living off a mistake, 206
Grant aid renewals, 89
High-density stock, 237
Higher fares, 124, 315
HST nears completion, 287
Industrial relations member, 86
Inter-City ABC timetable and its defects, 206, 360, 471
International Policy Office for EEC integration, 84
Irish Sea freight traffic, Fight for, 99
Joint study of computing needs, 328

Land sales, 406

Leaked DoE papers, 446

Late arrivals, 237

Litter problem, 286

Manpower reduction, 286

Mark III prototype coach, 200, 406

Marketing Manager, 328

Mock-up for high-speed hardware, 170

New Product Development Director, 246

Operating aspects of the new timetable, 276

Passenger Sales Manager, New, 286

Passenger transport marketing, 286

Poor outlook for 1972, 86

Property Board, 288, 447

Prototype stock deliveries, 164, 200, 406

Rail drive for Warrant users, 368

Reorganisation, 205, 231, 365

Responsibility without power, 285

Return to steam 1972, 206

Safety and accidents in 1970, 76

Sleepers, Dearer with early tea, 126

Slip form paver at work, 299

Speedlink groupage services extended, 86

Steel industry, BR and the, 254

Thirty years of rail improvement in services, 306

Timetable plans, The 1972-3, 58, 92, 144, 176, 233

TOPS, BR goes for, 1, 105

Traffic Divisions: Liverpool, 9, 68, 156, 237

"Travelling", BR's new magazine, 86

Why unhonoured? 284

BRITISH RAILWAYS BOARD Appointments, 46,

164, 246, 446

Britannia Bridge again, Over the, 44

Britannia Bridge reopening restores Holyhead route, 52

Brush up your French... German... Geography, 444

BULGARIA: Electrification, 290

C

Capital for railway projects, 2

CANADA:

CNR freight traffic growth, 331
CNR results best in 16 years, 331
CNR Turbotrains back next winter? 128
CPR commercial activity, 50
CPR earnings increased, 248
CPR electrification stud., 50
CPR Rail in Europe, 331
CPR ro-rail maintenance vehicles, 114
Federal Government payments, 331
Moving British Columbia coal to the Pacific, 50
Car-sleepers, More international, 209
Catering improvement, 79
Central Wales aid, 361

CHANNEL TUNNEL:

Anglo-French agreement on studies, 371, 409, 447
Cheap at the price, 123
Environment not harmed by the tunnel, 404
Estimate increased, 330
High-speed link essential, 131
Kent implications of the tunnel, 448
Letters, 282
Oil from the UK via the tunnel, 207
One step nearer, 130
Profitability questions, 47, 289
Signalling and operation of the tunnel, 134
Speed considerations, 3
Terminal considerations, 88, 445
CIE items—see under Ireland
Cisalpin sets for Edelweiss, 409
CIWLT and Cooks, 128
Classical comfort, 445
"Classical" standards, 285
Claytons and NBL Class 29s, Farewell to the, 353
Comecon railway co-operation, 330
Communications problem, The, 361
Continental Motorail, 49
Continental railways, Support for, 446
Cook's Board enlarged, 406
Cook's sale, 246
Cross-country and peripheral services, 204, 439
Cross-country routes, 471
Cross-country trains, Dividing, 470
CUBA: High-speed line planned for, 128

CZECHOSLOVAKIA:

Heavy traffic across the Russian frontier, 290
Rationalisation in Prague, 372

D

Dart Valley Railway topics, 6, 166, 371

Deltic performance, 197

DENMARK:

Copenhagen commuter line, New, 409
Steam locomotives for royal funeral train, 90
Dial-a-ride to/from stations, 406
Dublin underground proposals 2

E

East Coast main line in Scotland. Upgrading the, 33

East Coast realignment approved, More, 184

East Coast speed-up, 58

EASTERN REGION:

Bradford rail-road interchange, Work starts on, 126, 406
Bulk limestone from Somerset to Suffolk, 369
Colchester, Sudbury service reprieve, 288

Derailment at Chathill, 246

Faster by East Coast (route improvements), 47

Ilkley trains, Grant aid for, 406

Inter-city travel bargains, More, 47

Kings Cross, Better prospects at, 84

Kings Cross, Change at, 207

Kings Cross, New Divisional Manager, 329

Kings Cross, Station improvements, 117, 329

Liverpool Street, New train announcement equipment, 47

Leeds new Divisional Manager, 396

Maplin oil terminal, 329

Newcastle in 2hr 20min by APT, 47

Norwich Wherry buffet and bar, 329

Parkestone Quay, New terminal at, 396

Passenger stock improvements, 207

Peterborough-Spalding subsidised service continues, 369

Peterborough takes shape, 302

South Shields branch stations improvements, 5

Teesside air competition grows, 288

Teesside air link to stay, 46

Theft of station, No, 207

TOR Line Immingham rail service, 329

"Total Reservation" in NE/SW trains, 207

Upminster-Romford trains continue, 448

West Riding campaign good start, 448

West Riding routes assured, 304

West Riding travel boost, 356

York museum open on Sundays, 246

ECMT session in London, 289

EDITORIALS:

APT-E starts rolling, 325
Big drop under cliffhangers, 243
BR goes for TOPS, 1, 105
BR's Bonanza, 43
Channel Tunnel cheap at the price, 123
Grant aid defers the axe, 83
Personalising crack trains, 403
Railway pay confrontation, 203
Step in BR reorganisation, 365
Towards the 300km/h era, 161
When speed is lethal, 283
Why not shut the lot down? 443

EEC considers rail co-operation, 284

EGYPT:

Developing summer seaside traffic, 209

Loan for ERR, 90

ELECTRIFICATION:

(Barcelona)-Tarragona-Valencia scheme, 167
Bournemouth service. The first five years, 412, 452
Bulgarian scheme completed, 290
Chinese Co-Co locomotive, 169
CTA new Emus, 249
Driver training for Crewe-Glasgow service 164
German progress, 169, 373
Hamilton Circle scheme, 388, 449
Hungarian links with CSD, 248
Italian new high-speed Emus, 248
Madras-Vijayawada scheme, 210
National railway electrification plan, A, 118
Motorway v Electrification, 282
Oxley line proposals, 288
Paris suburban progress, 332
St Pancras suburban scheme, "Advanced" plans for, 165
Scottish progress, 189
SNCF plans, 90
SNCF plans, 7
South Korean Railways Bo-Bo-Bo locomotive on test, 169
Thyristor locomotives for Austria, 260
Weaver-Gretna progress, 328
West German progress, 169
Electric APT surprises, 326
European Passenger Timetable and Through Carriage Conference 1972, 411
Eurotrak? 162
Euston-Birmingham every 30 minutes, 92
Events, 41, 82, facing 122, 160, 201, facing 364, 401, 476

F

Fare competition, 399

Farewell Rule 55, welcome K3, 405

Fell locomotive correction, 119

FINLAND: Faster to Lapland, 372

Fleet Line gets under way, 194

"Flying Scotsman's" future? 371

FRANCE:

Articulation of the SNCF TGV high-speed units, 394
Branch line closures, 322, 409
Car-sleepers, 409
Diesel under wires for 131 miles, 331
Double deck cars for Paris suburban line, 7
Double deck suburban coach, 209, 210
Electrification, 7
Equipment display at Paris Montparnasse, 354
ETGs, Noise in, 290
Ex-Midi branch closures, 409
GTMU prototype for 300km/h, 7, 168, 224/7, 248
High-speed routes, 8
Main line electric locomotives, 7
Marseilles, Road through branch tunnel, 290
Mixed traffic diesel working, 290
Paris-London faster Silver Arrow, 90

Index vol XXIX

JANUARY—DECEMBER 1972

(For Regional news items see under respective Regional titles and for Foreign items see under respective countries).

A

Accident Reports:

Bescar Lane, LMR, 397
Bexley, SR, 397
Glasgow Central, ScR, 77
Low Fields Farm Crossing, ER, 78
Neville Hill, ER, 154
Pleck Junction, Walsall, LMR, 267
Roade Junction, LMR, 155
Sheerness-on-Sea, SR, 266
Tooting Broadway, LT, 266
Upper Denton, ER, 155
Wickford, ER, 155

Ac traction, Turning point in, 205

Advertised connections, 399

Airport stations and services, 360

ALBANIA: Extension towards Yugoslavia, 50

Alpine tunnel choices, 84

Anglo-French agreement on Channel Tunnel studies, 409

Approach control limitations, 197

APT-E takes the road, 395

APT-E topics, 170, 211, 325, 368, 395

Articulation of the SNCF's TGV high-speed units, 394

Ashford-Hastings future? 48, 439

Asia and Near East quarterly, 30

AUSTRALIA:

Comeng Dmvs for Canada? 290
Economic train charters, 209
Indian-Pacific in two portions, 290
Last NSWGR Commissioner, 449
Melbourne Flinders Street development, 290
Australian quarterly, 110

AUSTRIA:

ASEA thyristor locomotives, 260
Komfortwagen withdrawn, 371
Steam rundown, 202
Tauern line improvements, 193
Automatic couplings, 289
Automatic operation of Rapid Transit trains, 19
Automatic ticket barriers on Glasgow suburban line, 181, 247
Automatic ticket barriers on LT—see under L
Axe is sharpened, or is it? The, 471

B

Barrington-Ward, Sir Michael, 366/8
Bartholomew's Railway History map offer, 128

BELGIUM:

Belgian railway industry, Doubtful future for? 198
Brussels Metro expansion, 90
Brussels Nord stop for airport Emus, 209
Multi-voltage locomotives, 50
SNCF electrification, 90
Belle, Farewell to the, 152
Belgian Marine renamed RTM, 330
Birmingham improvements, 119
Blanketing with polythene sheet on the South Wales main line, 188
Bogie wagon future at risk? 3, 119, 156
Books, New, 36, 118, 196, 234, 313, 398, 437, 472
Bournemouth Electrification, The first five years, 412, 452

Brighton Belle cars, Sale of, 246
Brighton Belle, Last hours of, 280
Brighton Belle, Last runs, 152, 208
Brighton Belle on tour, The, 240
Brighton Belle, What might have been, 125
Brighton-Exeter service, 37
Bristol Parkway, Focus on, 270
Bristol resignalling, 48, 128

BRITISH RAIL:

125mph HST unveiled, 212
Advertising, 38
Aggregates traffic, Success in, 378
APT topics—see under A
Birthday honours, 286
Bleak outlook for BR, 244
BR advertising no attack on road transport, 86
BR demands cheque cards, 164
BR drive for German traffic, 204
BR of the future, 195
BR further in the red, 326
BR's good record, 286
BR's lead in technology, 124
Catering prices change, 246, 368
Chiefs for new "Territories", 368
Civil Engineers appointments, 164
Coal lift by BR, Big, 164
"Corporate image" train, 328
Freightliner chief joins BR Shipping Board, 164
Freightliner living off a mistake, 206
Grant aid renewals, 89
High-density stock, 237
Higher fares, 124, 315
HST nears completion, 287
Industrial relations member, 86
Inter-City ABC timetable and its defects, 206, 360, 471
International Policy Office for EEC integration, 84
Irish Sea freight traffic, Fight for, 99
Joint study of computing needs, 328

Land sales, 406

Leaked DoE papers, 446

Late arrivals, 237

Litter problem, 286

Manpower reduction, 286

Mark III prototype coach, 200, 406

Marketing Manager, 328

Mock-up for high-speed hardware, 170

New Product Development Director, 246

Operating aspects of the new timetable, 276

Passenger Sales Manager, New, 286

Passenger transport marketing, 286

Poor outlook for 1972, 86

Property Board, 288, 447

Prototype stock deliveries, 164, 200, 406

Rail drive for Warrant users, 368

Reorganisation, 205, 231, 365

Responsibility without power, 285

Return to steam 1972, 206

Safety and accidents in 1970, 76

Sleepers, Dearer with early tea, 126

Slip form paver at work, 299

Speedlink groupage services extended, 86

Steel industry, BR and the, 254

Thirty years of rail improvement in services, 306

Timetable plans, The 1972-3, 58, 92, 144, 176, 233

TOPS, BR goes for, 1, 105

Traffic Divisions: Liverpool, 9, 68, 156, 237

"Travelling", BR's new magazine, 86

Why unhonoured? 284

BRITISH RAILWAYS BOARD Appointments, 46,

164, 246, 446

Britannia Bridge again, Over the, 44

Britannia Bridge reopening restores Holyhead route, 52

Brush up your French... German... Geography, 444

BULGARIA: Electrification, 290

C

Capital for railway projects, 2

CANADA:

CNR freight traffic growth, 331
CNR results best in 16 years, 331
CNR Turbotrains back next winter? 128
CPR commercial activity, 50
CPR earnings increased, 248
CPR electrification stud., 50
CPR Rail in Europe, 331
CPR ro-rail maintenance vehicles, 114
Federal Government payments, 331
Moving British Columbia coal to the Pacific, 50
Car-sleepers, More international, 209
Catering improvement, 79
Central Wales aid, 361

CHANNEL TUNNEL:

Anglo-French agreement on studies, 371, 409, 447
Cheap at the price, 123
Environment not harmed by the tunnel, 404
Estimate increased, 330
High-speed link essential, 131
Kent implications of the tunnel, 448
Letters, 282
Oil from the UK via the tunnel, 207
One step nearer, 130
Profitability questions, 47, 289
Signalling and operation of the tunnel, 134
Speed considerations, 3
Terminal considerations, 88, 445
CIE items—see under Ireland
Cisalpin sets for Edelweiss, 409
CIWLT and Cooks, 128
Classical comfort, 445
"Classical" standards, 285
Claytons and NBL Class 29s, Farewell to the, 353
Comecon railway co-operation, 330
Communications problem, The, 361
Continental Motorail, 49
Continental railways, Support for, 446
Cook's Board enlarged, 406
Cook's sale, 246
Cross-country and peripheral services, 204, 439
Cross-country routes, 471
Cross-country trains, Dividing, 470
CUBA: High-speed line planned for, 128

CZECHOSLOVAKIA:

Heavy traffic across the Russian frontier, 290
Rationalisation in Prague, 372

D

Dart Valley Railway topics, 6, 166, 371

Deltic performance, 197

DENMARK:

Copenhagen commuter line, New, 409
Steam locomotives for royal funeral train, 90
Dial-a-ride to/from stations, 406
Dublin underground proposals 2

E

East Coast main line in Scotland. Upgrading the, 33

East Coast realignment approved, More, 184

East Coast speed-up, 58

EASTERN REGION:

Bradford rail-road interchange, Work starts on, 126, 406
Bulk limestone from Somerset to Suffolk, 369
Colchester, Sudbury service reprieve, 288

Derailment at Chathill, 246

Faster by East Coast (route improvements), 47

Ilkley trains, Grant aid for, 406

Inter-city travel bargains, More, 47

Kings Cross, Better prospects at, 84

Kings Cross, Change at, 207

Kings Cross, New Divisional Manager, 329

Kings Cross, Station improvements, 117, 329

Liverpool Street, New train announcement equipment, 47

Leeds new Divisional Manager, 396

Maplin oil terminal, 329

Newcastle in 2hr 20min by APT, 47

Norwich Wherry buffet and bar, 329

Parkestone Quay, New terminal at, 396

Passenger stock improvements, 207

Peterborough-Spalding subsidised service continues, 369

Peterborough takes shape, 302

South Shields branch stations improvements, 5

Teesside air competition grows, 288

Teesside air link to stay, 46

Theft of station, No, 207

TOR Line Immingham rail service, 329

"Total Reservation" in NE/SW trains, 207

Upminster-Romford trains continue, 448

West Riding campaign good start, 448

West Riding routes assured, 304

West Riding travel boost, 356

York museum open on Sundays, 246

ECMT session in London, 289

EDITORIALS:

APT-E starts rolling, 325
Big drop under cliffhangers, 243
BR goes for TOPS, 1, 105
BR's Bonanza, 43
Channel Tunnel cheap at the price, 123
Grant aid defers the axe, 83
Personalising crack trains, 403
Railway pay confrontation, 203
Step in BR reorganisation, 365
Towards the 300km/h era, 161
When speed is lethal, 283
Why not shut the lot down? 443

EEC considers rail co-operation, 284

EGYPT:

Developing summer seaside traffic, 209

Loan for ERR, 90

ELECTRIFICATION:

(Barcelona)-Tarragona-Valencia scheme, 167
Bournemouth service. The first five years, 412, 452
Bulgarian scheme completed, 290
Chinese Co-Co locomotive, 169
CTA new Emus, 249
Driver training for Crewe-Glasgow service 164
German progress, 169, 373
Hamilton Circle scheme, 388, 449
Hungarian links with CSD, 248
Italian new high-speed Emus, 248
Madras-Vijayawada scheme, 210
National railway electrification plan, A, 118
Motorway v Electrification, 282
Oxley line proposals, 288
Paris suburban progress, 332
St Pancras suburban scheme, "Advanced" plans for, 165
Scottish progress, 189
SNCF plans, 90
SNCF plans, 7
South Korean Railways Bo-Bo-Bo locomotive on test, 169
Thyristor locomotives for Austria, 260
Weaver-Gretna progress, 328
West German progress, 169
Electric APT surprises, 326
European Passenger Timetable and Through Carriage Conference 1972, 411
Eurotrak? 162
Euston-Birmingham every 30 minutes, 92
Events, 41, 82, facing 122, 160, 201, facing 364, 401, 476

F

Fare competition, 399

Farewell Rule 55, welcome K3, 405

Fell locomotive correction, 119

FINLAND: Faster to Lapland, 372

Fleet Line gets under way, 194

"Flying Scotsman's" future? 371

FRANCE:

Articulation of the SNCF TGV high-speed units, 394
Branch line closures, 322, 409
Car-sleepers, 409
Diesel under wires for 131 miles, 331
Double deck cars for Paris suburban line, 7
Double deck suburban coach, 209, 210
Electrification, 7
Equipment display at Paris Montparnasse, 354
ETGs, Noise in, 290
Ex-Midi branch closures, 409
GTMU prototype for 300km/h, 7, 168, 224/7, 248
High-speed routes, 8
Main line electric locomotives, 7
Marseilles, Road through branch tunnel, 290
Mixed traffic diesel working, 290
Paris-London faster Silver Arrow, 90

Paris-Lyons fast line, 50
 Paris Nord-Sud stock withdrawn, 332
 Paris Orsay-Invalides link, 331
 Paris suburban electrification, 332
 Paris west-to-east RER, 128
 Passenger stock, 7
 RER extension to St Germain, 332
 Provence railways, Faster from Nice by, 209
 Push-pull express, First SNCF, 409
 RATP traveler with seats, 210
 Réseau Est accelerations, 51
 SNCF adopts new flashing signal aspects, 115
 Seaside branch services, 210
 Self-service freight, 290
 SNCF equipment plans for 1972, 7
 SNCF experience with turbotrains, 224/7, 248
 SNCF steam policy, 90
 Steam on the way out, 331
 Townsend-Thorens London-Paris venture, 210
 Wide corridors in new coaches, 372
 Freight by high-speed railway, 245
 Freightliner, hiving off a mistake, 206
 Freightliner rapid expansion, 330
 Freightliners, New chief for, 126

G
 Gatwick Airport 1936, Frankfurt Flughafen 1972, 162, 169
 GE film material, 79
GERMANY (EAST):
 Interzonal trains diverted, 209
 Rolling stock at Leipzig Fair, 168
GERMANY (WEST):
 Backpedalling in Western Germany, 221
 "Befehlshab" to show green only, 91
 Container and Piggyback to West Berlin, 373
 British IRSE visit, 291
 DB cash crisis, 333
 DB recruiting drive, 51, 373
 DB's new head, 250
 DSG international services, 333
 Electrification progress, 169, 373
 Express parcels to East Berlin, 373
 Frankfurt Flughafen station, 169
 IC-Netz trains, Fewer early and late, 411
 Inter-city services, Initial success of and new services, 51, 169
 Lowest rate of subsidy in the Six, 250
 Mini-bars replace diners, 129
 Moselle-Saar electrification, 91
 Munich S-bahn inauguration, 169
 Olympic Games specials, 333
 Paris-Ruhr TEE, 411
 Passenger decelerations, 91
 Rheingold, The, TEE or Inter-city? 384
 S-bahn for Cologne, 51
 Showers in DSG sleepers, 8
 Slower from May, 129
 Ticket check device reads handwriting, 91
 Timekeeping improved, 411
 Traffic results better, 250
 Victor Hugo, TEE, 333
GN main line, Congestion on the, 63
 Government grants for SR and LT Emus, 328
 Grant aid defies the axe, 83

H
 Harrow 20 years on, 374
 Highland outposts, Is there a future for? 72, 236, 360, 399
 Higher fares, 124, 315
 History of Railways in magazine form, New, 49
 Holland accepts the inevitable, 444
 Home markets can help, 163
 Home News, 4, 46, 86, 126, 164, 206, 246, 286, 328, 368, 406, 446
HONG KONG: Sports stadium in new terminus, 128
 Hovertrain on track, British, 286
 HST, BR, nears completion, 287
 HST, BR, unveils its 125mph, 212
 HST and APT tests disputes, 368
HUNGARY:
 Drastic closures in, 245, 399
 Electrification links with CSD, 248
 Freight transfer at USSR border, 51

I
 IEE premium awards, 368
 Incomplete environment, The—The railway carriage, 216, 251, 399
INDIA:
 Madras-Vijayawada electrification, 210
 Rapid Transit progress, 332
 Industry and Equipment, 38, 80, 121, 157, 198, 238, 316, 358, 440, 472
 Inter-City ABC timetable and its faults, 206, 360, 471
 Interfrigo, 285
 International agreement on Chunnel studies, 371
 International coaching stock, Standard 125mph, 49
 International inter-city needs, 331
 International Policy Office for EEC integration, BR's, 84
 International standardisation of rolling stock, 289
IRELAND:
 CIE closes offices in Britain, 128
 CIE freight vehicles, new, 409
 CIE, General Manager, new, 290
 CIE Guinness traffic, Containers prominent in, 422
 CIE joins Interfrigo, 49
 CIE New Year rail travel sale, 90
 CIE push to retain Dublin suburban traffic, 424
 CIE rolling stock, new, 427
 CIE timetable, Good marks for, 367
 Container developments, 409
 Dublin underground proposals, 2
 McKinsey reports on CIE rail services, 24
 Metrovick diesels re-engined, The CIE's, 128
 Northern Ireland passenger services, 408
 Northern Ireland Railways, Rejuvenating the, 142
 Staff economy at Dublin commuter stations, 372

Irish Sea freight traffic, BR fights for, 99
 IOMR, Royal journey by, 370
 Isle of Wight line de-icing unit, 141
ITALY:
 Cutting roofed to stop refuse dumping, 51
 Four tracks into Venice, 8
 High-speed Emus, Modernising, 450
 High-speed Emus, New, 248
 Messina Straits underwater "Bridge", 210
 New locomotives and rolling stock, 449
 Oldest TEE Dmus withdrawn, 372
 Piggyback help British hauliers, 410
 Rejuvenating the FS, 367
 Rome Metro, New works on the, 450
 Rome-Naples-Salerno superrapido, 210
 Shock meters for wine tankers, 51

J
JAPAN:
 Catching them by ear, 249
 Honeymoon trains, 249
 Japanese rail plan for SE Asia, 444
 Linear motor high-speed line, 249
 San Yo Hikari Emus, New, 248
 San Yo opened, Part of the new, 210
 Snow sheds for shin kansen, 249
 Timetable criticised, The new, 249
 World's third-longest tunnel, 248
 Jointed track takes a pounding, 44
JUGOSLAVIA: BRE-Metro wagons, 451
 Junction 19 for Parkway, 205
 Jungfrau Region, Railways of the, 334

K
 Kent implications of the Chunnel, 448
 Kings Cross developments—see under Eastern Region
L
 Late arrivals, 237
 Lef. Luggage discrepancies, 38
 Letters, 37, 79, 118, 156, 197, 236, 282, 360, 399, 439, 470
 Lime wagons for BSC, 360
 Linear induction motor propulsive system, A, 292, 432
 Liverpool-Manchester services, Decline on, 428
 Local Authority want aid, 397, 439
 Local transport research, More, 85
 Locomotive driving standards are unpredictable, 456
 Locomotive Publishing Company photographs, 371
 Locomotive Stock Changes, 40, 81, 122, 160, 201, 242, 281, 323, 364, 401, 442, 476
 London-Channel Tunnel high-speed link essential, 131
LONDON MIDLAND REGION:
 Allerton station reopening with park-and-ride, 448
 Aqueduct replaced to increase electrification clearances, 46
 Birmingham improvements, 119
 Blackpool North rebuilding, 164
 Britannia bridge reopening restores Holyhead route, 52, 86
 Cambrian coast closure, 4
 Car railheads in Midlands, New, 165
 Caustic soda by company trains, 328
 Chief Freight Manager, New, 448
 Chief Passenger Manager, New, 86
 CK&P, End of the, 4
 Croxley Green trains to continue, 406
 Deputy General Manager, New, 246
 Discourtesy in restaurant cars, 119
 Driver training for Crewe-Glasgow electric service, 164
 Edge Hill combined maintenance depot, 166
 Euston-Birmingham every 30 minutes, 92
 Euston-Inverness day trains, 288
 Ex-MR line for Hazel Grove by-pass, 206
 Gwynedd Quarries new Widnes depot, 206
 Ivatt, H. G., Death of, 448
 Liquid gases from Widnes, 406
 Liverpool Central HL-Gateacre service withdrawn, 165
 Liverpool-Manchester services decline, 428
 Liverpool-Southampton Sunday trains, 126
 Liverpool Traffic Division, 9, 68, 156, 237
 London-Sheffield supersave fares, 46
 Marylebone refreshment bars, New decor for, 46
 Matlock Bath reopened, 320
 Merseyside developments, 46, 329, 369, 416
 Merseyside—Liverpool's new suburban brand name, 13
 Merseyrail loop, Work starts on, 126
 Merseyside "News Rail" success, 4
 Merseyside rail/bus/ferry ticket, 86, 207
 Midland Cinderella, 197
 Midland to Barrow, By, 368
 Motorail services from Newton-le-Willows, 46
 Northampton, The plight of, 198
 Penrith-Keswick service ends, 86
 Potteries Loop as a footpath, 206
 Richmond line still safe, 4
 Rochdale-Oldham service revived, 246
 St. Albans to Farringdon non-stop, 165
 St. Pancras suburban electrification, "Advanced" plan for, 165, 446
 SELNEC survey and progress on Picc-Vic line, 207, 448
 Shotton Low Level reopened, 368
 Telford new town ? station for, 368
 Total oil trains, 126
 Warrington Power Box, 406
 Weaver-Gretna electrification, 328
 Week-end sausage-and-mash, 87
 Wigan's new North Western station, 86
 Year's free travel for lucky commuters, 206
 London-Paris Silver Arrow rail/air service improvements, 192

LONDON TRANSPORT:
 Authority to travel tickets, 449
 Automatic ticket gates: experiment at Green Park, 6
 Automatic ticket gates, More, 449
 Bank, Better interchange at, 49
 Bargain tickets on Underground, 167

Bridge over M11 motorway, 6
 Bromley-by-Bow station improvements, 289
 Camden Town indicators, 407
 Charing Cross LT station, 439
 Fares rise sought, 289, 370
 Fault annunciator, 6
 Fleet Line gets under way, 194, 370
 Good year in 1971, 274
 GLC spends more on public transport, 5
 "Go-as-you-please" by Underground and Bus, 330
 Government aid, More, 407
 Grant aid for Epping-Ongar line?, 208
 Heathrow link, Government grant for, 330
 Load weighing, 6
 London Underground prospects, 245
 Metalastik success in drawgear, 274
 Mr Peyton answers for GLC transport, 49
 Old Street station improvements, 49
 Piccadilly and Northern Line trains, £39m order for, 6
 Pimlico station opened, 370, 408
 Revenue Officer, New, 247
 Rolling stock developments, 272
 Strand station rebuilding, 208, 449
 Ticketless travel penalty, 88, 167
 Tottenham Court Road new booking hall, 330
 TV control at stations, More, 330
 Victoria District Line modernisation, 88
 Westcode ep brakes, 6
 Loreley and the Rheingold, The, 163
LUXEMBOURG: Closer connections with German Netz A, 8

M
MALAYA: World Bank loan for MR, 8
 Mark III coaches, 156
 Mark III prototype coach, 200
 Matlock Bath reopened, 320
 McKinsey reports on CIE rail services, 24
 Merseyside items—see under LM Region
 Metalastik success in LT drawgear, 274
MEXICO: Railway loans, 290
 Microwaves read wagon numbers, 124
 Midland Cinderella, 197
 Miniature railway progress, 371
 Modern Railways binding for 1971, 6
 Modern Railways subscription rates reduced, 408
 Motive Power changes, 40, 81, 122, 160, 201, 242, 281, 323, 364, 401, 442, 476
 Motorway v Electrification, 282

N
 National railway electrification plan A, 118
 NE/NW-SW services replanned, 176, 372
NETHERLANDS:
 Congestion on NS, 156
 NS/Metro interchange at Amsterdam Amstal, 8
 NS new symbol, 371
 Veenendaal, New branch to, 8
 Newhaven-Dieppe route, Future prospects look good, 137
 Newhaven, New passenger terminal, 408
NEW ZEALAND:
 CTC in South Island, 332
 Going metric, 284
 NZR deficit reduced, 332
 NFC in 1972, The, 143
 NFC members reapointed, 46
 Northampton, The plight of, 198
 Northern Ireland Railways, Rejuvenating the, 142
 North London electric link, 204, 361
 North Sea oil, Cashing in on, 366
 North Wales, First and last in, 159
NORWAY: Summit tourism on the Bergen-Oslo line, 91
 Nuclear fission fuel by train ferry, 328
 NW-SW timetables, 282

O
 Operating aspects of the new BR timetables, 276
 Overnight Inter-city, 44
 Overseas News, 7, 49, 90, 128, 167, 209, 248, 289, 330
 371, 409, 449
 Overseas quarterly—North America, 312
 Oxford, Focus on, 270
 Oxford new station opened, 387
 Oxford town or gown, No aid from, 366
P
 Parkston Quay, New terminal at, 96
 Passenger environment, 216, 251, 399
 Paying for a British railway system, 326
 Peripheral urban passenger lines, 204, 439
 PERISA: Communication equipment from Japan, 51
 Personalising crack trains, 403
 Peterborough takes shape, 302
PHILIPPINES: British expert to advise on railways, 210
 Phoenix portfolio, A, 466
PORTUGAL:
 Algarve, Experimental sleeper to, 91
 Faster to Algarve, 8
 Staff training centre, 129
 Transfesa, 51
 Power: do we really need more? 361
 Power for rail traction, 327
 Preserving technological material, 45
 Private transport, The growth of, 206
 Public transport must not wither, 446
 Push-pull, More, 237

Q
 Quarry branch reopened, Another, 327
R
 Race to the West, The, 145
 Rail looks best for Birmingham, 37
 Rail network prominent in Merseyside plan, 416
RAILTALK: 2, 44, 84, 124, 162, 204, 244, 284, 326, 366, 404, 444

Railway carriage—the incomplete environment, 216, 250
 Railway catering decline, 470
 Railway efficiency, 79
 Railway lighting in Great Britain, 164
 Railway pay confrontation, 203
 Railway radio, 163
 Railways and the Common Market, 347
 Rapid Transit report, 138, 263, 348
 Rapid Transit trains, Automatic operation of, 19
 Refurbishing old stock, 471
 Regular-interval services, 405
 Reorganising British Rail, 205
 Responsibility without power, 285
 RH&DR saved, 128
 Rheingold, TEE or Inter-city? 384
 RHODESIA: Steam locomotive sale, 290
 Ripper Robots train talk for passengers and crew training, 461
 Road and rail investment, 446
 Road vehicle grounding at abt crossings, Avoiding, 286
 RIA Chairman appointed, 328
 RIA diesel mp course, 328
 Rule 55, Farewell to, 405

S
SAUDI ARABIA: Oil traffic increasing, 210/1
 Schlieren alternative to T2 sleepers, 371
SCOTTISH REGION:

Automatic ticket barriers on Glasgow suburban line, 181, 247
 Charity excursions to Kyle, 246
 Concrete track, First installation, 406
 East Coast main line, Upgrading the, 33
 Eastfield depot open day, 288
 Electrification progress, 189, 407
 Euston-Inverness day trains, 288
 Facts and Figures booklet, 288
 Fairlie Pier closure proposed, 288
 Freedom for bairns, 246
 Glasgow-Carlisle resignalling, First stage of, 48, 449
 Glasgow interim PTA, 87
 Hamilton Circle electrification, 288, 449
 Higher speeds, 407
 Highland outposts, Is there a future for? 72, 236, 360, 399
 Highlands and Islands travel pass, 87
 Kyle line to go in 1974, 49
 Kyle line train service improvements, 166, 246
 Motorail in 1972, 407
 Motorail Stirling-Dover, 288
 Oil traffic opportunities, 370
 One mile motorway v 10 miles BR electrified, 407
 Plans to hold traffic, 233
 Publicity, 471
 St Enoch site development, 48
 Security for electrification works, 5
 Siding while you—needs!—wait, 370
 Successful excursions, 407
 Waverley, More amenities at, 330

SEALINK:
 Anglo-Irish accompanied car trips, Discount on, 49
 Belgian Marine renamed RTM, 330
 CI freight now via Portsmouth, 408
 Discotheques in ships, 247
 Fares increases, 368
 Fishguard scheme complete, 330
 Folkstone route services, 246
 Harbour development control relaxed, 49
 Harwich-Hook three sailings daily by new ship, 408
 IOW ferries, Three new, 247
 Newhaven, New passenger terminal, 408
 Newhaven-Dieppe, More ro-ro via, 247
 Newhaven-Dieppe route, Future prospects look good, 137
 New ships for cross-Channel services, 310
 One class to Continent except via Hook, 167
 Ostend service, More ships for, 371
 Sealink's expanding role in Europe, 388
 Seaspeed hovercraft record year, 88
 Seaspeed hovercraft for the Solent, Bigger, 167
 Travel slump cuts Irish sailings, 167
 Second or Standard class? 399

SELNEC and the other PTAs—takeover, 45, 246
SELNEC PTE surveying Manchester Picc-Vic line 207
 448

SIGNALLING:
 Approach control limitations, 197
 Bristol resignalling, 48, 128
 Britannia bridge arrangements, 56
 Glasgow Central resignalling, 48, 449
 Plymouth area resignalling, 407
 Signal control area, Defining a, 404
 Signalling and operating the Channel Tunnel, 134
 Signalling risks in mechanical maintenance, 85
 SNCF adopts new flashing signal aspects, 115
 Warrington power box, 406
 Sittingbourne stops, 399
 Silver Arrow London-Paris rail/air service improvements, 192

Snow, 67
SOUTH AFRICA: New Blue Trains in service, 410
 Southampton container traffic increase, 96
SOUTHERN REGION:

After the Belle is over, 127
 Ashford-Ore closure, 48, 439
 Blackfriars development approved, 166
 Bournemouth electrification, The first five years, 412, 452
 Branches axed, 22
 Brighton Belle topics—see under B
 Brighton-Exeter service, 37
 Bullion robbery, 87
 Chairman, New, 127
 Christs Hospital austerity, 448
 "Coastway" campaign, 288
 Covent Garden to be rail-served, The new, 127
 Electrical Engineer from private industry, 87
 Electrification via Oxted, 288, 446
 Eltham derailment, The, 319
 Golden Arrow Pullmans discontinued from October, 207
 Golden Arrow Pullmans for sale, 407
 Grant aid for SE approaches, 5
 IOW line deicing unit, 141
 Late arrivals, 237
 Local Authority grants, 288
 Maze Hill prototype station, 369
 Oil from UK via the Channel? 207
 Portable vehicle weighing device, 246
 Southampton Docks to lose wagon freight, 369
 Waterloo new cafeteria and bar, 88
 West Croydon-Wimbledon closure postponed, 166
 West Croydon-Wimbledon line in camera, 268
 Windsor and Reading lines improvements, 87

SPAIN:
 (Barcelona)-Tarragona-Valencia electrification, 167
 Barcelona Vilanova to close, 91
 Couchettes Irún-Alicante, 210
 Long-distance Emus, More, 91
 Lisbon-Paris via Madrid, 410
 Passenger prospects, 291
 RENFE—More freight for, 290
 RENFE steam may end this year, 332
 Sleeping car traffic growth, 210
 Transfesa, 51
 Zaragoza station remodelling, 332
 Speedlink groupage services extended, 86
 Speed control systems assessed, 405
 Speed restrictions, Better marking of, 2
 Spoiling the ship, 37
 Steam in England and Ireland, 318
 Steam, Return to in 1972, 206
 Steel industry, BR and the, 254
 Stormont, Change of heart at? 125

SWEDEN:
 Fast Freight, 450
 Ticket issue to be computerised by 1975, 211

SWITZERLAND:
 125 years of Swiss railways, 341
 Avoiding reversal at Sargans, 8
 Bellinzona-Mesocco line closed, 373
 Brienz-Rothorn line, Diesels on the, 373
 Calais-Interlaken sleeper withdrawn, 373
 Holiday pass, New, 211
 Lausanne new marshalling yard, 16
 New works, 373
 Passenger timetable conference, 411
 Railway broadcast by CJA 373
 Railways of the Jungfrau region, 334
 Rhaetian Railway new sets for Chur commuter trains, 167
 SBB electronic seat and berth reservations, 249
 SBB new style symbol, 371
 Steam traction, 129
 Swiss driving precision, 237
 Swiss Federal's 1971 loss, 366
 Swiss Federal's Re6/6 prototypes are delivered, 342
 Swiss Federal's ten-year traction development plan, 343

T
 Tauern line improvements in Austria, 193
 TEE changes, 7
 Thyristor licence for General Motors, 167
 Time recovery on the GN main line, 102, 197
 Time recovery on the Midland line, 173
 Timetable plans, The BR 1972-3, 58, 92, 144, 175, 233, 282
 TOPS, BR goes for, 1, 105
 TOR Line Immingham rail service, 329
 Torbay Steam Railway, The, 408
 Towards the 300kmph era, 161
 Track machines, New, 120
 Traffic Divisions of BR: Liverpool, 9, 68, 156
 Traffic Report: 40, 81, 122, 158, 200, 241, 281, 320, 362, 400, 441, 472
 Train coming: which train? 162
 Train control on BR, 156

Train running and traction performance: 27, 63, 102, 149, 173, 221, 276, 306, 384, 429, 456
 Train to Scotland cheaper than air, 406
 Transmark's Brazilian task, 125/6
 Transmark's new Executive Director, 246
 Transport grants new deal, 328
 Transport v "optional extras", 446
 "Travelling" BR's new magazine, 86
 Turbotrains SNCF, 7, 168, 224/7, 248
TURKEY:
 British consultants advise Turkish communications, 91
 CIWLT services cease in Asia, 333
 French-built rectifier locomotives, 168
 Turning point in ac traction, 205

U
 UIC golden jubilee, 289
 UIC safety fortnight, 209
USA:

Amtrak may buy two APTs, 291, 333
 Amtrak reaches Montreal, 410
 Automatic operation, 333
 BR at Transpo 72, 211
 British industry at Transpo 72, 211
 CTA, New Emus for, 249
 CTA seeks management study, 451
 Florida, Heavy traffic to, 410
 Government aid? 451
 Grain hopper wagons, 100 ton, 410
 GRS control systems for Washington DC Metro, 333
 Linear motor research, 410
 Neighbourly train and bus seating, 8
 Penn Central, A smaller, 450
 Penn Central company train offer, 332
 Penn Central leases road vehicles, 333
 Penn Central, More wagons and power for, 410
 Rail test facilities expanded, 29
 SP's intermodal traffic department, 249
 Storm damage, 410
 Turbotrain tests, 91

USSR:
 Five-year plan 1971-5, 168
 Hovertrains, 249
 "Kontainer" 1972, 411
 Leningrad-Warsaw-Berlin through service, 51
 Monorails, 250
 Siberia to Japan train ferry, 168
 Tashkent underground, 250

V
 Visual perception and high-speed trains, 462

W
 Waterloo-Exeter decline? 37
 Weaver-Greta Green bridge reconstruction, 191
 Welsh passenger transport study, 46
WESTERN REGION:
 Appointments, New, 208, 246, 330
 Blanketing with polythene sheet on South Wales main line, 188
 Board Chairman, New, 166
 Bridport branch closure proposed, 88
 Bristol and South Wales services recast, 144
 Bristol resignalling, 48, 128, 166
 BR type AWS, 330
 CM&EE, New, 370
 Deaths on the track, 208
 DVR buys Paignton-Kingswear line, 166
 Earlier to Paddington from Bristol, South Wales and Swindon, 369
 Falmouth container port, Government rejects, 48
 Focus on Bristol Parkway and Oxford, 270
 Gloucester Central to be rebuilt, 370
 High Wycombe station improvements, 88
 Huck fasteners in new bridges, First use by BR, 5
 Inter-city travel bargains, More, 47
 Locomotive Engineer, New, 48
 London-South Wales track improvements, 127
 Marlow branch, Self-help to keep line open, 369
 Oxford town and gown, No aid from, 366
 Oxford's new station opened, 387
 Plymouth area resignalling, 407
 Train planning office, New, 448
 Tytherington quarry branch reopened, 327
 Viaduct inspection unit, 208
 Warships, End of the, 149
 West Riding routes assured, 304
 West Riding travel boost, 356
 Wigan's new North Western station, 86
 Wimbledon-West Croydon line in camera, 268
 World Bank transport loans, 167
 World's third-longest tunnel, 248

Y
 York museum open on Sundays, 246
 York museum opens in 1974, The new, 206



